The Flipper™ Family

The Ultimate in Flexibility - Just Point and See!

Flipper™

FlipperPort™

FlipperPanel™

Flipper Stand™

Users Manual

About Enhanced Vision Products

Congratulations on your purchase of one of the Flipper family of products. Enhanced Vision products are designed to give you the highest quality and convenience available.

Flipper products can enable people with low vision to read, write and to see objects at any distance. The unique design of these products are the ultimate in flexibility and offer a large range of magnification with multiple viewing options that make reading easier than ever. Simply connect them to any television, Enhanced Vision LCD glasses, a LCD flat screen, a computer monitor or laptop computer (additional hardware may be required).

Prior to using this system, please carefully read and follow the instructions provided within this booklet. A thorough understanding of the functionality will allow you to fully benefit from the flexibility and great features of this device.

If you have any questions, please contact an eyecare professional or the supplier from whom you have acquired the unit.

Table of Contents

Important Safety Precautions 4

Flipper 7
- Flipper Package Contents & Controls 8
- Flipper Installation 10
- Using Flipper 12

FlipperPort 17
- FlipperPort Package Contents & Controls 18
- Using FlipperPort 20
- Power Supply 23

FlipperPanel 25
- FlipperPanel Package Contents & Controls 26
- Using FlipperPanel 28
- Using LCD Power Pack 30

Flipper Stand 33
- Using Flipper Stand 34

Common Questions 38
- Flipper 38
- FlipperPort 39
- FlipperPanel 39
- Flipper Stand 41

Warranty Statement 43

Enhanced Vision Products 44

Contact Information 45

Important Safety Precautions

To obtain the maximum benefits from your Flipper product, please read these safety precautions carefully.

SYSTEM WARNINGS

The Flipper family of products are designed to improve the quality of life for sight impaired individuals. The extent to which Flipper products can improve the ability to see images depends on an individual's condition and level of vision. These products are not designed to restore vision, correct eye conditions or halt degenerative vision loss. An eyecare professional can determine the suitability of Flipper products for a patient's condition.

SYSTEM PRECAUTIONS

- Avoid exposing Flipper products to extreme or rapid changes in temperature or humidity as these conditions may cause fogging or damage to products. Flipper products should never be placed near a radiator or heat register.

- Do not smoke while using Flipper products. Cigarette, cigar and pipe smoke release abrasive particles which are potentially damaging to the Flipper optics.

- Do not use this product near water, i.e., near a bathtub, kitchen sink, swimming pool, etc.

- Do not place this product on an unstable cart, stand or table, as the product may fall, causing serious damage.

Important Safety Precautions

- Always place the excess cord in an area where it will not be damaged by persons walking on it.

- To avoid the risk of electrical shock, do not disassemble this product. Return it to the place of purchase if service or repair work is required. Any attempt to disassemble your Flipper product will void the warranty.

- Always use the power supply provided within your package. Do not attempt to use any other power supply, doing so will void the warranty.

CARING FOR FLIPPER PRODUCTS

- Always turn the power OFF when you are not using the system.

- Make sure the power is OFF or unplug your Flipper product from an outlet before cleaning. Do not use liquid cleaners.

- The plastic surfaces of your Flipper product may be dusted with a dry cloth.

- The optical surfaces should be cleaned as needed for best performance. Dampen a lens cleaning tissue with a small amount of lens cleaning solution and gently wipe the optical surfaces clean.

  Never apply lens cleaning solution directly on any surface of your Flipper products.

Flipper™

Flipper Package Contents & Controls

Your Flipper is packaged in a convenient box for storage and transport. All required accessories for operation are included.

FLIPPER IS COMPRISED OF:

1. Camera: captures and enlarges the image.

2. Control Box: connects the camera to the television set and turns Flipper ON/OFF.

3. Viewing Options Button: for switching between color, black & white, high contrast positive or high contrast negative viewing modes.

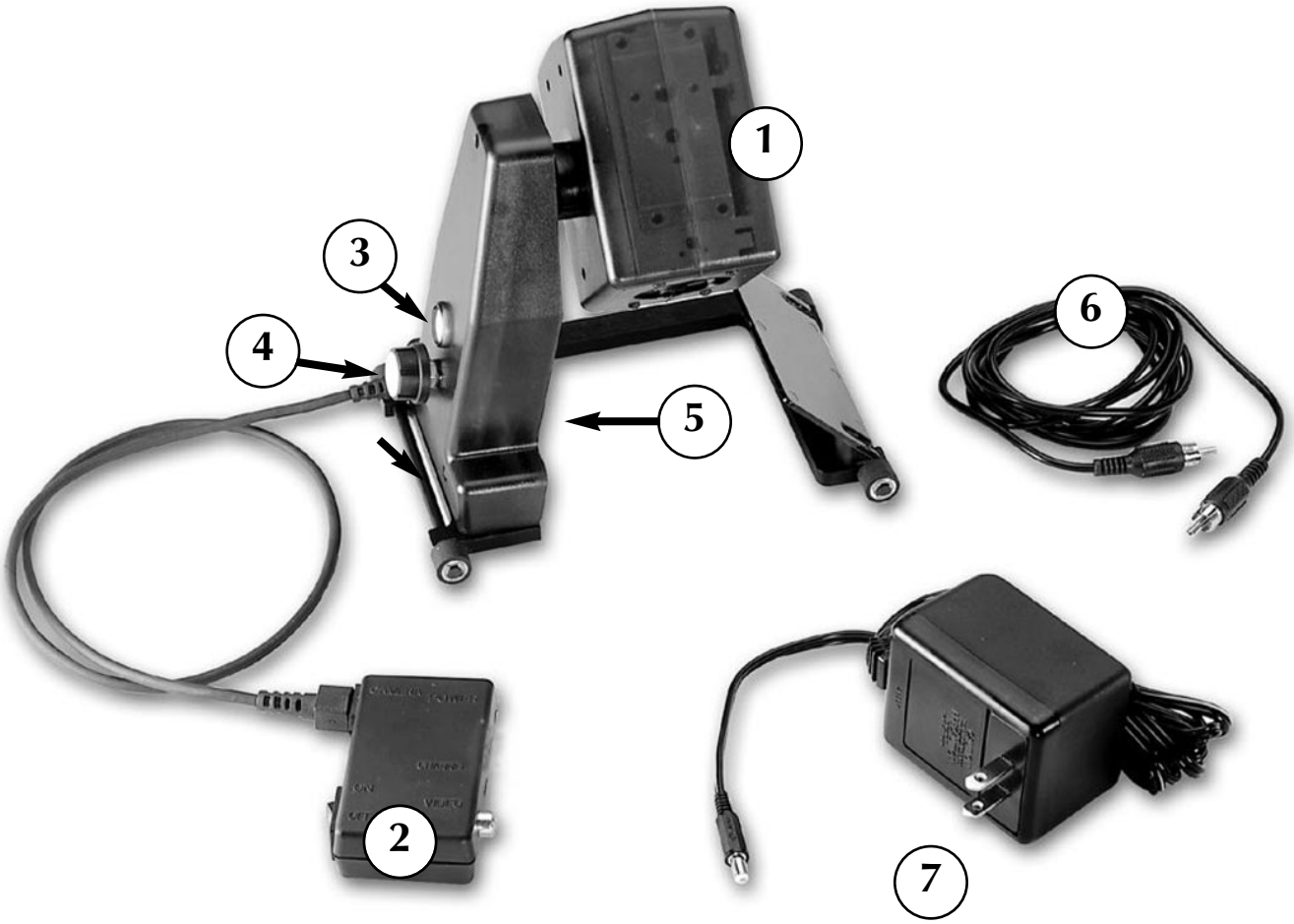
4. Magnification Dial: ten preset magnification levels.

5. Light Button: turns the base light ON/OFF. The light is only used when the ambient lighting is not sufficient. For reading, writing and near use.

6. Video Cable: connects Flipper to the TV via the "Video Input" jack.

7. Power Supply: connects Flipper to a power outlet.

Flipper Package Contents & Controls



Flipper Installation

Basic TV Connection Using Video Cable and "Video Input" Jack (Refer to Figure 1)

1. Remove Flipper and the Control Unit from the package.

2. Remove the Video Cable from the package. (This is the thin cable that is not attached to any other component and has the same plug at both ends.) Plug one end of the Video Cable into the black Control Box Jack labeled "VIDEO."

3. Plug the other end of the Video Cable into the yellow "VIDEO INPUT" jack of your TV. This jack could be located on either the front or back of your TV.

4. Remove the Power Supply from the package. Plug one end of the Power Supply into the black Control Box Jack labeled "POWER." Be sure the plug is fully inserted into the Control Box. Then plug in the other end of the Power Supply into an outlet.

5. Turn the power on**.** The ON and OFF switch is on the side of the black control box. Turn the TV ON.

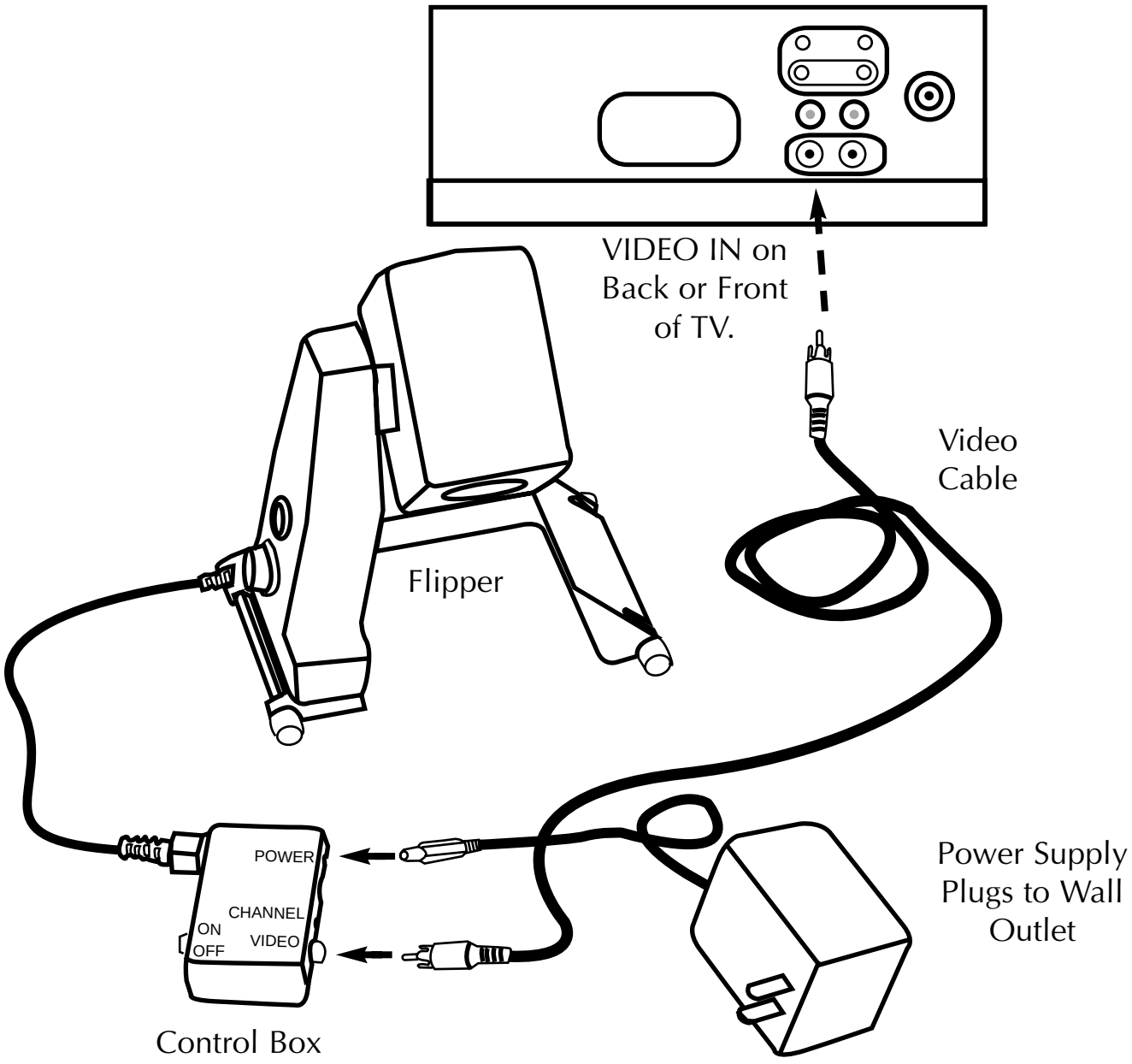
   You can switch between using Flipper and your TV with the TV remote control by changing between "Video" and "TV" mode.

   If you have a TV with a built in VCR, you can switch between using Flipper and your TV by pushing the “Input” button on your remote.

Now you can go to the **Using Flipper** section on page 12 to begin using your Flipper.

Flipper Installation

FIGURE 1



Using Flipper

Now that you have successfully installed your Flipper you can enjoy the ease of use and operation.

Flipper can be used to view objects at a distance, up close, and at any range in between. To maximize your usage, here are some of the things you can do with Flipper.

- **Read**
- **Write**
- **View Distance**
- **Work on Hobbies**
- **See Self Image**
- **Participate in Class**

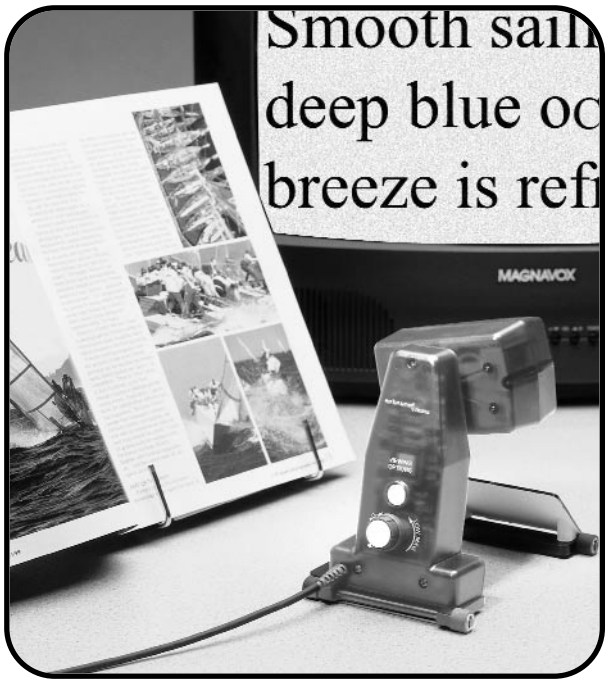
The following steps will give you a quick start on using Flipper and practicing rotating the camera head.

1. Turn the Power ON

On the side of the black Control Box, there is a switch that turns the power ON and OFF. Turn the power ON. Make sure the TV is also ON.

2. View the Magnified Image

Simply point the camera in the desired direction and view the magnified image. The control knobs allow you to change the magnification level and contrast.



NOTE: The highest magnification setting is for distance viewing only. (from at least 3 feet away)

3. Reading with Flipper

There are three ways that you can magnify and read using Flipper.

A. Reading with an Upright Book Stand

(highly recommended)

Place your reading material on a stand and place Flipper in front of the stand. Rotate the camera head and point it at the material. Magnify as needed using the Magnification dial. Roll Flipper from left to right, scanning across the page. When you reach the end of a line, roll back to the beginning of the line and rotate the camera down to the next line.

There is no need to pick up or move the camera base. Just by rotating the camera and rolling Flipper from left to right, you will be able to cover the entire page.

B. Reading without an Upright Book Stand

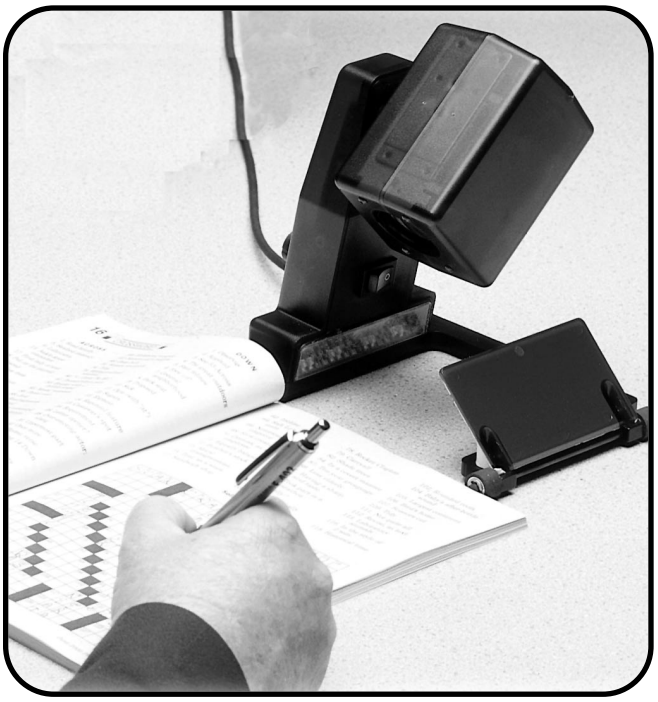
Simply place the Flipper on top of the page and roll the unit left to right on its rollers. Once you reach the end of the line, roll Flipper back to the beginning of the line and rotate the camera to read the next line.

C. Reading with Flipper Stand

Please see page 37 for details.

Using Flipper

You can repeat the above action and read more than half of the page by just rotating the camera head. Once you have read half of the page, move the unit and place it in the middle of the page and repeat the rotation of the camera head to cover the rest of the page.

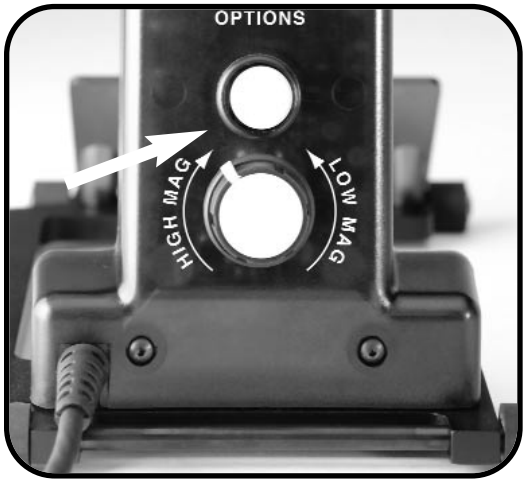


4. Writing with Flipper

Simply place the material in front of the Flipper, rotate the camera head and point it to the material. Adjust magnification using the magnification knob. Start writing and as you are writing, roll the unit left to right on its rollers. Repeat this action as needed.

5. Practice Using Flipper

Practice the motion of rotating the camera head in different directions. Moving the camera head away from you is generally used for viewing distance, doing hobbies and reading. Moving the camera head towards you is generally used for writing and or reading.



SELECTING A VIEWING OPTION

You can choose a viewing option by pushing the round white button on the Flipper labeled "Viewing Options." Each push will change your viewing option. Push the button to cycle through all of the options.

VIEWING OPTIONS FOR FLIPPER

Full Color Image
This mode is used most often because it gives you a true color representation of the image that is being magnified. This mode is ideal for viewing objects at any distance and for reading, writing and looking at pictures.

Black and White Image
Based on your preference, you can choose the B&W mode for viewing objects at any distance.

Crisp, Clear Text Images!

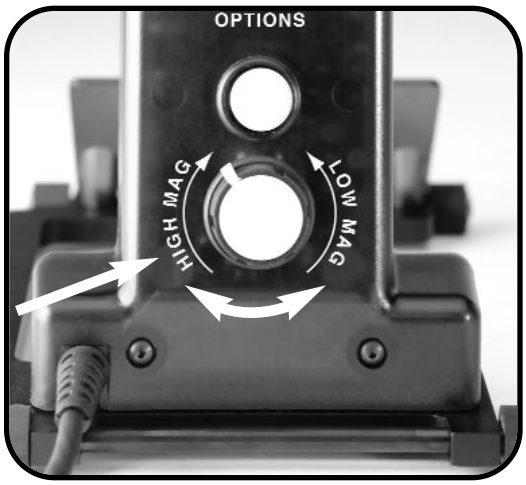
High-Contrast Positive Image
This mode provides a white background with black foreground for text. This mode increases the contrast to offer crisp text images for reading. This mode is not appropriate for distance viewing.

Crisp, Clear Text Images!

High-Contrast Negative Image
This mode provides a black background with a white foreground for text. This mode increases the contrast to offer crisp text images for reading. This mode is not appropriate for distance viewing.

Using Flipper

The magnification control for Flipper is very easy to use. The magnification control is a round dial that has ten preset magnification levels for you to select from.



Changing the Magnification

To increase the magnification, slowly turn the round knob clockwise until you feel a click. Each click will increase the magnification.

Please note, the highest magnification setting is for distance viewing only. (from at least 3 feet away)

To decrease the magnification, slowly turn the round knob counter clockwise until you feel a click. Each click will decrease the magnification.

Lighting Option

When reading with the camera facing down, Flipper has a built in light source that may be turned ON to enhance High Contrast Positive and Negative viewing modes.

The light is only used when the ambient lighting is not sufficient.

The On/Off switch for the light is located on the Flipper right above the light panel.

FlipperPort ™

The Ultimate In Portability

FlipperPort Package Contents & Controls

Your FlipperPort is packaged in a sturdy case that is convenient for storage and transport. All required accessories for operation are included.

FlipperPort Is Comprised Of:

1. FlipperPort Glasses: displays crisp images without refection or glare.
2. Adjustable Nose Piece: supports the glasses on your nose.
3. Power Button: turns FlipperPort ON and OFF.
4. Brightness Control: changes the brightness of the display.
5. Rechargeable Battery: energy source for 3 hours of continuous reading.
6. Control Unit: powers the system.
7. Viewing Options Button: changes the viewing option.
8. Magnification Dial: changes the level of magnification.
9. Camera: rotates 225 degrees to capture and enlarge the image.

Accessories Included:

10. Battery Charger: recharges the battery.
11. Power Supply: plugs FlipperPort into an outlet.
12. RCA Cable: plugs FlipperPort into a television set.

Additional options (not included, please refer to page 45):

13. Color or Black & White Max Camera: attaches to control unit (for reading only).

FlipperPort Package Contents & Controls

Using FlipperPort

FlipperPort can be used to view objects at a distance, up close, and at any range in between. To maximize your usage, here are some ideas of things you can do just about anywhere with FlipperPort.

- **Reading**
- **Writing**
- **Distance Viewing**
- **Hobbies**
- **Self Image**

The following steps will give you a quick start on using FlipperPort and practice rotating the camera head.

Automatic SHUT OFF
To conserve power usage, your FlipperPort will automatically turn off after 120 minutes (2 hours). To turn it back on, simply press the power button on the control unit.

1. Turn the Power ON

On the control unit, press the power button once. The button lights up green to show that the power is ON.

To turn the power OFF, press the button once again. However, leave the power ON for now.

2. View the Magnified Image

To view the magnified image, put on your FlipperPort glasses and simply point the camera in the desired direction and view the magnified image. The control knobs allow you to change the magnification level and contrast.

For more information on how to use the Flipper camera, please refer back to page 12 "Using Flipper".

3. Use FlipperPort with Your Prescription Glasses

If you wear glasses to view distance, you will need to keep them on when using FlipperPort. To use FlipperPort with your glasses, gently pull out the nose piece on the FlipperPort glasses. Then put the FlipperPort glasses over the glasses you normally wear to view distance.

If you pull the nose piece too far out it may come off. But don't worry, you can put it back on without any damage to the system.

4. Adjust the FlipperPort Glasses

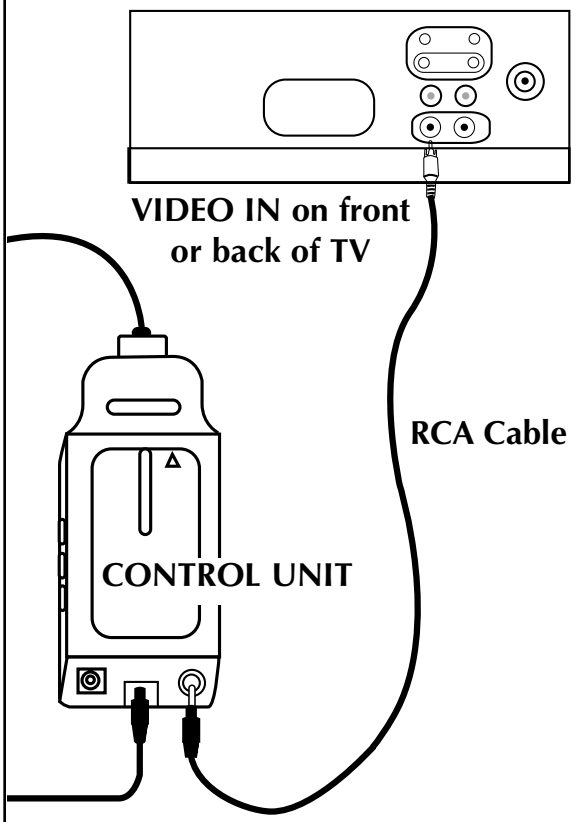
When you put on the FlipperPort glasses, you should adjust the placement of it on your face. This will give you a better image. You can move the FlipperPort glasses up or down. You can also adjust the nose piece as shown above to set the glasses closer or farther from your face.

Using FlipperPort

Controlling the Brightness

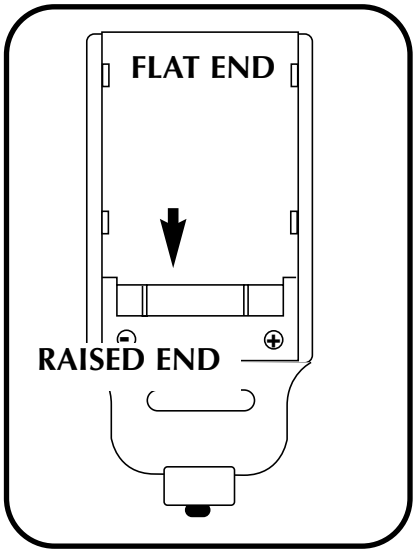
You can change the brightness of the display to meet your reading requirement by slowly rolling the dial on the side of the Control Unit.

To increase brightness, roll the dial away from you. To decrease brightness, roll the dial towards you.



Connecting FlipperPort to a TV Set

To use FlipperPort with your TV set, plug one end of the RCA cable into the yellow jack on the Control Unit and the other end into the yellow "VIDEO INPUT" jack of your TV. This jack could be located either on the front or back of your TV. Then switch your TV to Video Mode. This will automatically allow you to view magnified images on your TV screen.



REMOVING AND INSTALLING THE BATTERY

Removing the Battery from the Control Unit

The battery sits directly on top of the Control Unit. To remove, push the small tab at the end of the Control Unit and slide the battery away from the Power Button.

Installing the Battery on the Control Unit

To install the battery, place its grooved edge against the raised end of the Control Unit. Gently press down on the battery and slide it into place.

The grooved end of the battery must slightly touch the raised end of the Control Unit for you to slide the battery in.

Installing the Battery on the Charger

The charger also has a raised end and flat end. To install, place the grooved end of the battery against the raised end of the charger. Then slide the battery into place.

Removing the Battery from the Charger

To remove, slide the battery away from the raised end of the charger.

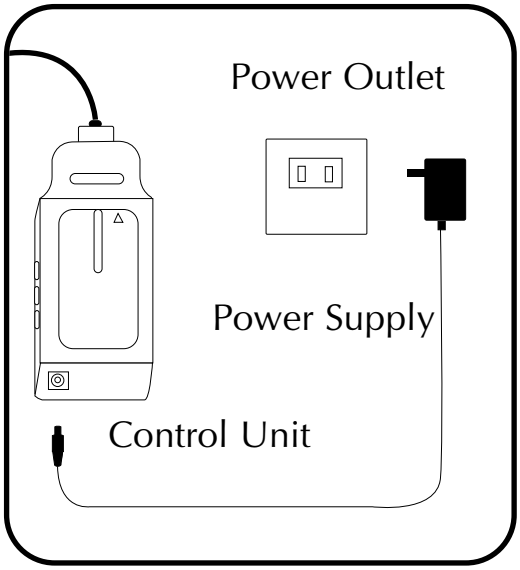
Power Supply

Recharging the Battery

To recharge, remove the battery from the Control Unit. Plug the charger into an outlet, then install the battery onto the charger. The yellow charging light turns on.

When the battery is fully charged, the yellow light turns off. Remove the battery and install it onto the Control Unit. You are ready for another 3 hours of continuous operation.

You can purchase additional batteries for back-up.



Using the AC Power Supply

The AC Power Supply allows you to plug FlipperPort directly into an outlet when you do not want to use the rechargeable Battery.

Plug the AC Power Supply into the yellow jack on the Control Unit and plug the other end into a power source.

NOTE: The battery does not recharge on the Control Unit. To recharge, refer to “Recharging the Battery” section above.

FlipperPanel ™

FlipperPanel Package Contents & Controls

Your FlipperPanel is packaged in a soft case that is convenient for storage and transportation. All required accessories for operation are included.

FlipperPanel is comprised of:

1. 10″ LCD Screen.
2. LCD Screen adjustable knob.
3. LCD Power Pack.
4. Rechargeable Battery: energy source for 3 to 5 hours.
5. On/Off Switch for LCD Power Pack.
6. Flipper Camera: rotates 225 degrees to capture and enlarge the image.
7. Viewing Options Button: changes viewing options from color, black & white, high contrast positive and high contrast negative.
8. Magnification Dial: provides 10 different levels of magnification.

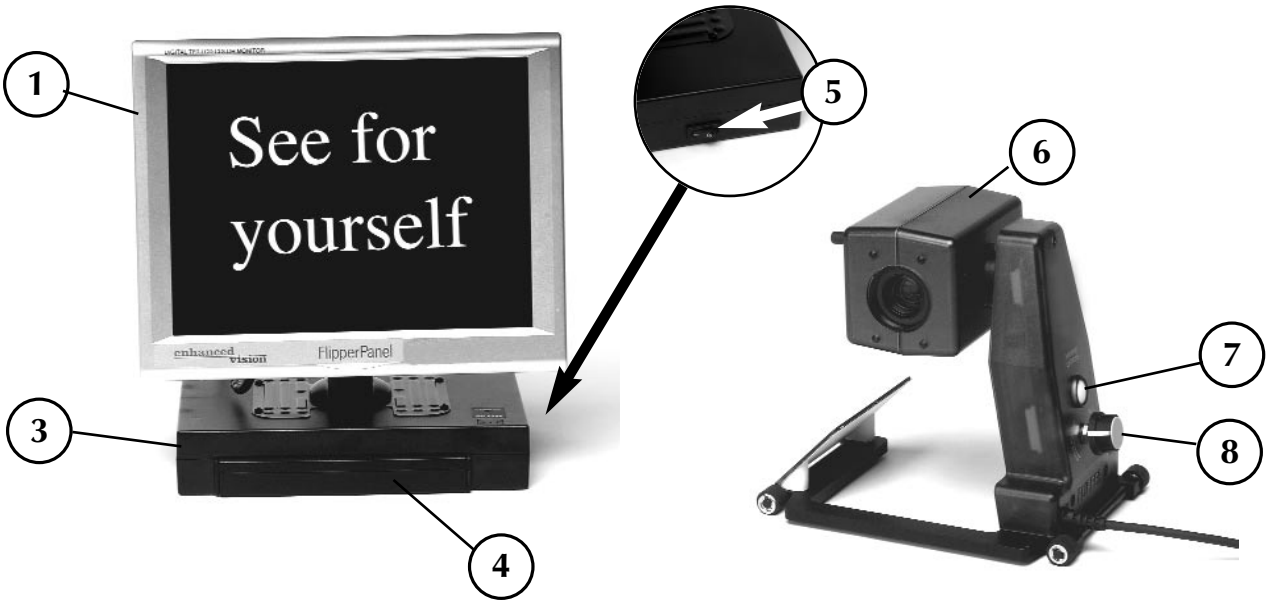
Accessories included:

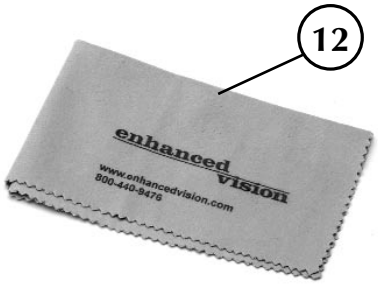
9. Power Supply: connects to LCD Power Pack and power cord.
10. Power Cord: connects to power supply and outlet.
11. 6-foot RCA Video Cable: connects LCD Power Pack to a TV.
12. Lens Cloth: used to clean the Flipper camera and LCD screen.
13. Soft Carrying Case.

Additional options (not included):

14. Additional Rechargeable Battery: energy source for 3 to 5 hours.
15. Color or Black & White Max Camera: attaches to power pack (for reading only).

FlipperPanel Package Contents & Controls





Using FlipperPanel

1. Turning the power ON

On the right side of the LCD Power Pack flip the switch from 0 to I (see figure 1). The LCD screen and Flipper camera will automatically turn on in a few seconds. An image of what the camera is pointing at should appear on the LCD screen.

Figure 1

Turn the power off by flipping the same switch back to the 0 position. However, leave the power on for this training section.

Note: If the battery is charged, there is no need to plug in the power supply and cord. If the battery is not charged, then refer to "Recharging the Battery" section on page 32.

2. Adjusting the LCD screen

It is important to orient the LCD screen to provide the best viewing angle as possible. The LCD screen can be adjusted both vertically and horizontally by gently rotating the frame up, down or left or right (see figure 2-4).

Figure 2

Figure 3

Figure 4

You can adjust the height of the LCD screen by loosening the knob on the back of LCD screen (counter clockwise) and sliding the screen up or down to the desired location (see figure 5). Then tighten the knob (clockwise) (see figure 6).

Note: The LCD screen settings have been preset by the manufacturer for optimal setting.

Figure 5

Figure 6

3. Using Flipper Camera

To use the Flipper camera, point the camera at your desired object and use the control knobs on the Flipper to adjust the magnification and contrast. The camera will automatically focus. **The highest magnification is used for distance viewing only.**

Note: For more information on how to use the Flipper Camera, please refer back to page 12 "**Using Flipper**".

Using LCD Power Pack

Connecting Flipper or Max to the LCD Power Pack

If you have purchased the Flipper camera or separate from the LCD Power Pack, you will need to connect them together. To do so, simply plug the end of the cable connector which looks like a telephone connector coming from the Flipper camera into the open jack labeled "Camera" on the back of the LCD Power Pack (see figure 1). Once this is done refer to Using FlipperPanel on page 28.

Figure 1

Connecting LCD Power Pack to a TV Set with Video In

To connect the LCD Power Pack to a TV set with video in you will need the 6-foot RCA video cable listed on page 26. Plug one end of the RCA cable into the yellow jack on the back of the LCD Power Pack labeled "Video Out" and the other end into the yellow "Video Input" jack on the front or back of your TV. Then switch your TV to Video Mode. This will allow you to view magnified images on your TV screen (see figure 2). Note: The LCD Power Pack video output standard is the same as the Flipper camera used (NTSC or PAL version).

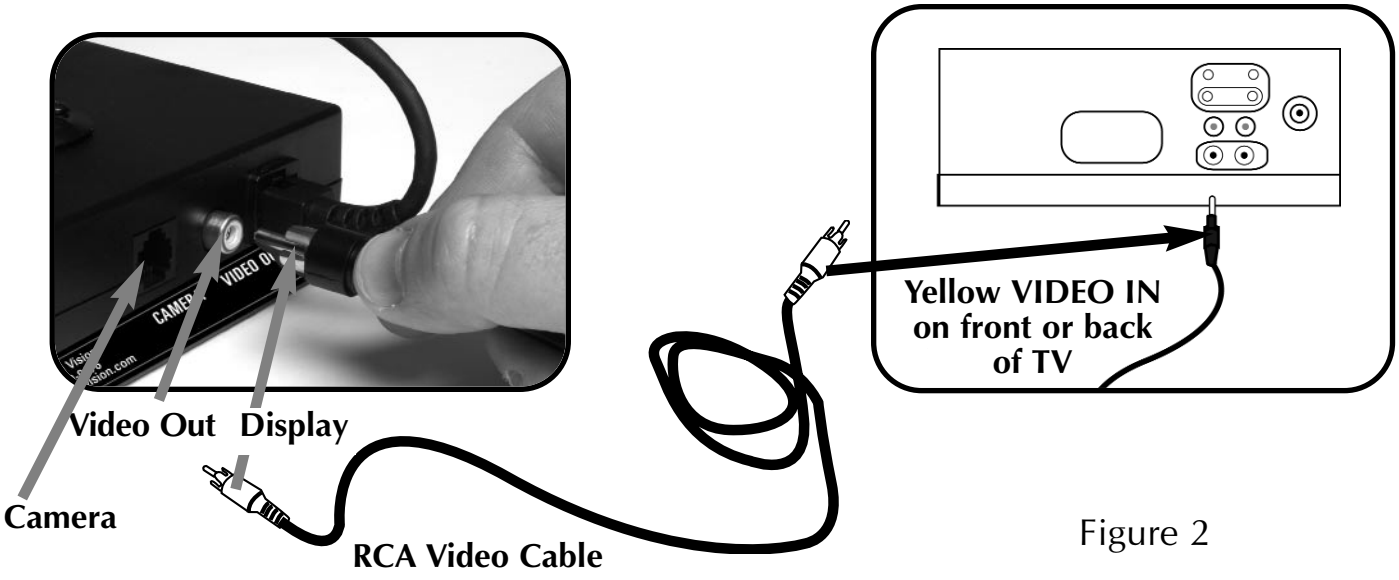


Figure 2

Using LCD Power Pack

Using the LCD Power Pack with an outlet

You should always leave a battery in the LCD Power Pack. Once you are sure the battery is in the LCD power pack, then connect the power supply and power cord together (see items on page 26 and Figure 1)

Connect the power cord to an outlet and the other end of the power supply to the back of the LCD power pack where it says "18 VDC 3AMPS" (see figure 2 & 3). A green LED light will appear on the front top right corner of the power pack. If the light is solid then the battery is fully charged. If the light is blinking then refer to "Recharging the Battery" on page 32. You can not "overcharge" the battery.

Note: The battery will drain if you leave the power switch ON when you are not using the LCD Power Pack.

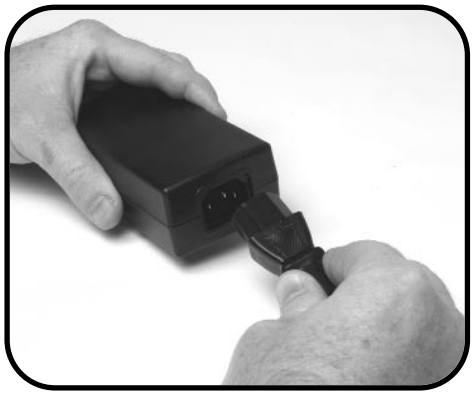


Figure 1

Figure 2

Figure 3

Using LCD Power Pack

Recharging the Battery

The battery recharges in the LCD Power Pack. All you need to do is plug in the power supply to the LCD Power Pack and then an outlet and the battery will automatically start charging. If the light is solid then the battery is fully charged. If the light is blinking then the battery is not fully charged. The battery will charge while in use as long as the system is plugged into an outlet. The battery will charge at the same rate whether the LCD Power Pack is ON or OFF. You cannot overcharge the battery. The battery has no memory so you can charge it at anytime. However, the more charge cycles, the shorter the battery life. Approximate charge time is 4 hours.

Removing and inserting Battery from LCD Power Pack

It is recommended to always keep a battery in the LCD Power Pack. The only reason you need to take the battery out is when you are changing batteries.

To remove the battery, push down on the "RELEASE" button on the front top right of the LCD Power Pack (see figure 1). The battery should release from the LCD Power Pack so you can slide it out.

To insert the battery, gently place the battery, label facing up, into the base of the LCD Power Pack. Make sure the battery is fully inserted. You should hear a click (see figure 2).

Figure 1

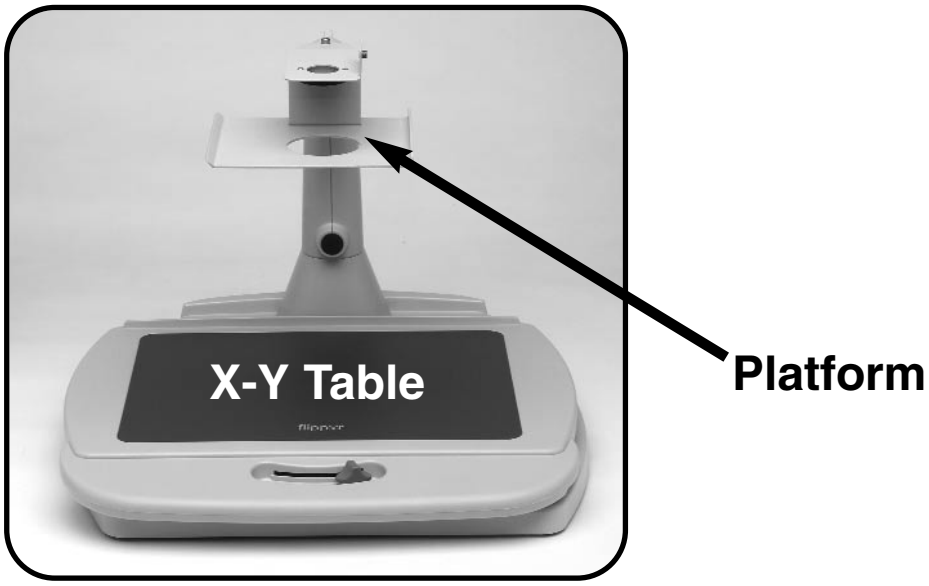
Figure 2

Flipper Stand™

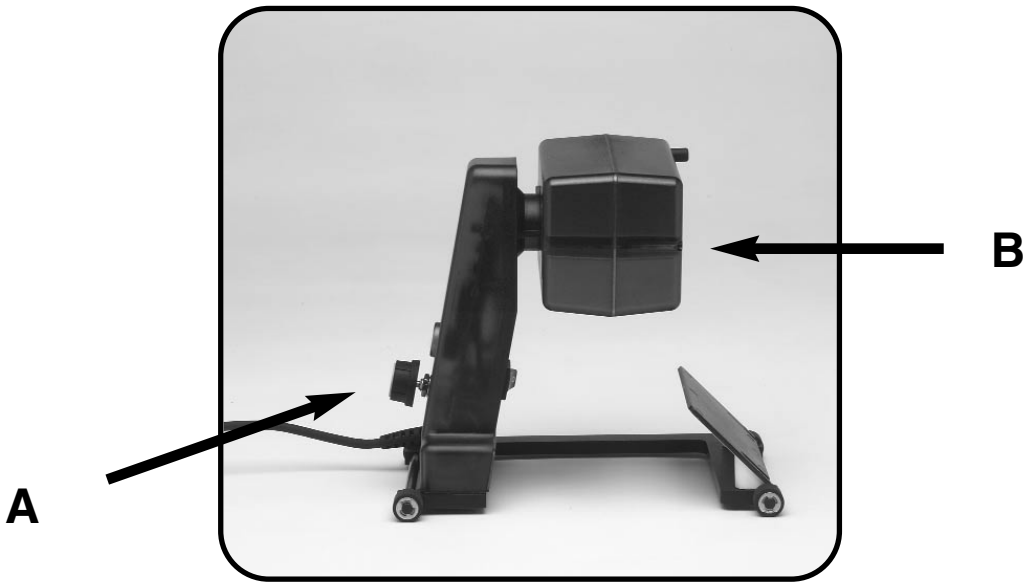
Using Flipper Stand

Using Your Flipper Stand

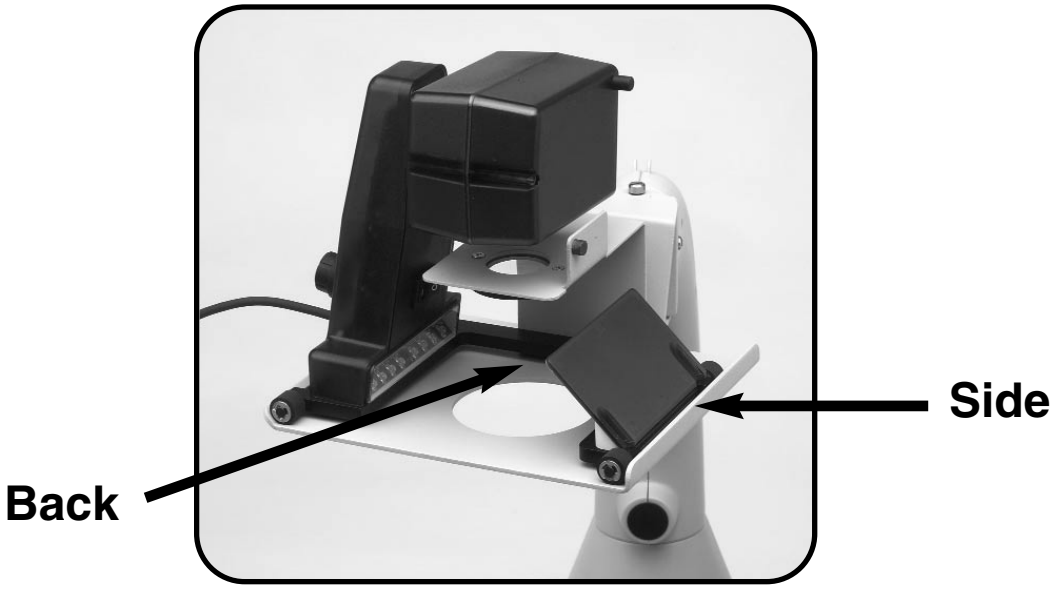
1. Place the Flipper Stand on a secure table with the X-Y table and platform facing you.



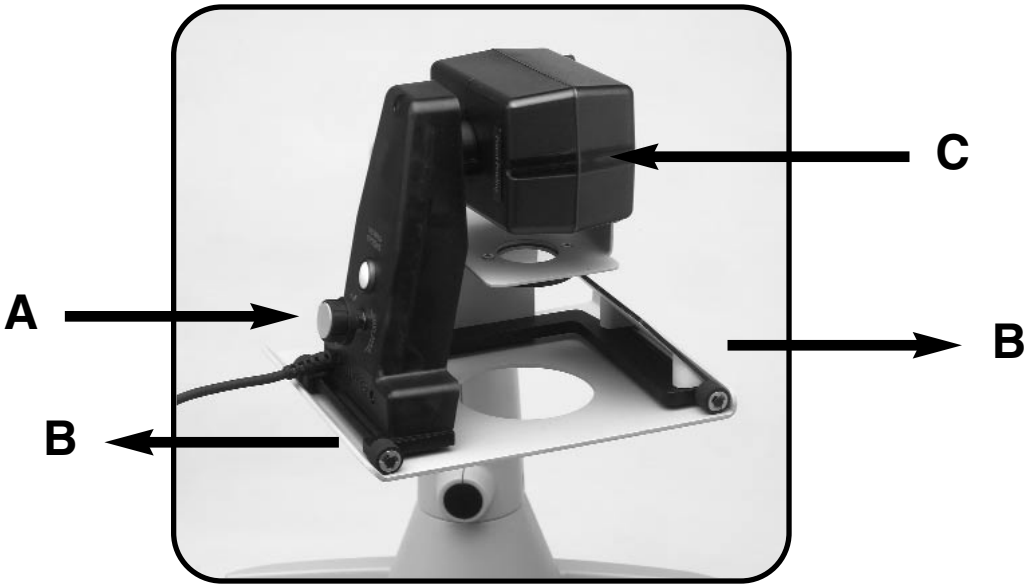
2. With the magnification knob and control cable to your left (A), rotate the flipper camera away from you in a horizontal position (B).



3. Pick up the Flipper and slide it on the platform from left to right. Make sure the base of the Flipper fits snug against the back and right side of the platform.



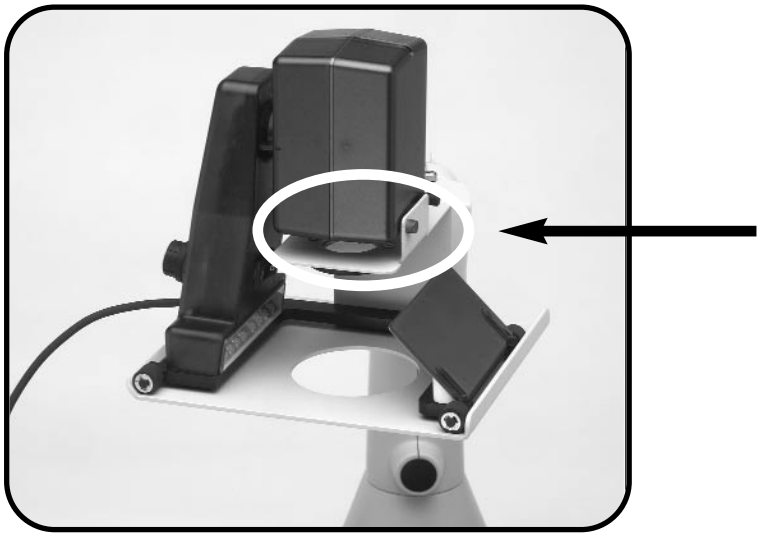
4. In this position you can view objects at any distance. Simply turn the knob on the left side of Flipper for your preferred magnification (A), rotate the platform side-to-side (B) and keep the camera head away from you in a horizontal position (C). Moving the camera head and rotating the platform side-to-side enables you to scan various objects around the room.



Using Flipper Stand

Using the X-Y Table on the Flipper Stand

1. Rotate the camera head downward until it stops in the vertical position. The camera will be aiming down towards the X-Y table. In this position the Flipper automatically increases its magnification level for reading and writing.



2. The X-Y table can be locked to maintain a steady viewing position or unlocked to allow you to scan across a page for reading and viewing various objects.

3. To lock the X-Y table, slide the lever all the way to the right until it clicks and locks (A). Unlock the X-Y table by sliding the lever to the right again and release the lever (B).

4. Use the X-Y table to move reading materials under the camera, rather than moving the material manually, except small items such as a check book or a business card. New users should use two hands when moving the X-Y table for reading, until they become comfortable using one hand with the table.

Tips for reading

For easy reading with Flipper and its Desktop Stand please follow these steps:

1. Unlock the X-Y table and place a book, newspaper, etc., on the table with the top of the page against the back lip of the table.
2. Set the Flipper to its lowest magnification level and move the X-Y table to position the start of your reading in the approximate center of the monitor screen.
3. Increase the magnification level to enlarge the image to a comfortable size.
4. Glide the X-Y table to the left, which will make the words flow across the screen for reading. When you have reached the end of a line, glide the table back to the beginning of the line. Move the table away from you slightly to display the start of the next line of type.

Tips for writing

For writing with Flipper and its Desktop Stand please follow these steps:

1. Lock the X-Y table and place the item you are going to write on, on the table. Beginners should start at a lower magnification size and increase magnification as they become more comfortable. The smaller the magnification size the bigger you will write; the higher the magnification size the smaller you will write.
2. Use a pen that makes a bold line, such as a heavy point roller ball pen or felt-tip marker for easier visibility. It may be helpful to use lined paper to find and keep your place.
3. Begin by writing a few words at a time, them move the X-Y table and write again, rather than moving continually as you write. You can write in either color, black-and-white or enhanced positive viewing modes.

Common Questions

Flipper:

Q. Reading with Flipper on top of the literature is difficult. Is there other method I can use for reading?
A. Another method for reading with Flipper is to place the reading material on an upright bookstand. This method allows the camera to be pointed directly forward at the reading material. The camera can then be rolled left to right to scan the reading material. Refer to page 13.

Q. The image appears dim on my television. How can I adjust the images brightness or contrast?
A. There are no external adjustments on our products. However changes can be made through an adjustment menu or external button on your TV. Please consult your TV's manufacturer user manual for additional information.

Q. I have my product connected properly, but I'm still not seeing an image. What am I doing wrong?
A. If your system is connected to the TV's "video in" port, check to see that your television is on the proper "video" mode, usually located on your remote control or your TV's menu options.

Some remote controls access this channel by pressing a TV/Video, Input, auxiliary (AUX), External (EXT), Game, or source. (Please note this channel differs depending on the TV maker. Please consult your TV manufacturer's user manual for additional information).

Q. My TV does not have the necessary Yellow Video In jack. How can I connect my Flipper to my TV?
A. A product known as a "Video RF Modulator" is available at neighborhood electronic stores which connects to your TV's antenna terminal to the Flipper's control box. (Examples include Steren Video RF Modulator, P/N 203-101 or Terk RF Modulator Video Converter.)

Common Questions

FlipperPort:

Q. I adjusted the FlipperPort's brightness but the image on the TV is not affected. Is there something wrong with the FlipperPort?
A. The brightness controls on the FlipperPort's control unit only affect the image being viewed inside the Flipper's glasses. Any brightness adjustment needed when using the FlipperPort with a TV needs to be made with the TV's brightness control function.

Q. If I use the provided A/C Power Supply with the battery still in the FlipperPort control unit, will it harm the battery? Can the battery be charged while in the control unit?
A. No. The A/C power adapter will override the battery if it is in the control unit. Leaving the battery in place will not harm it.

Q. In case of a problem, how can I get my system serviced?
A. For questions or to arrange for product service, please contact Enhanced Vision's customer service team, Monday through Friday from 8am-5pm PST at (800) 440-9476 or evsupport@enhancedvision.com. We will contact you within 24 hours to provide instructions and a return authorization number.

Q. How long does the battery included with my FlipperPort last per charge?
A. A series 750 battery is included with your FlipperPort. The series 750 battery will last approximately 3-1/2 hours per charge.

Q. How long does it take to completely recharge my battery?
A. The 750 series battery can take up to 5-1/2 hours of charging time.

FlipperPanel:

Q. How long will the battery last?
A. The battery will last approximately 3 - 5 hours per complete charge.

Q. How long does it take for the battery to recharge?
A. The battery needs approximately 4 hours to recharge.

Common Questions

Q. How does the battery recharge?
A. There is no separate battery charger included with the FlipperPanel. Keep the battery inserted into the panel. Connect the Power Supply to the FlipperPanel and plug it into an outlet. The battery will recharge while in the panel. The battery will also continue to charge if the panel is in use.

Q. Can I use the FlipperPanel without the battery?
A. Yes. The FlipperPanel comes with a Power Supply that can be connected to an outlet or power strip. Doing this will run the FlipperPanel and also recharge to battery at the same time. (please note the system will also operate in the case where no battery is inserted and the wall adapter is used.)

Q. Does the battery have to be completely discharged before I recharge it?
A. No. The FlipperPanel has a lithium ion battery that does not need to be completely discharged before recharging it again. The battery cannot be over charged. However, the fewer the charging cycles, the longer the battery life.

Q. Can I connect the FlipperPanel to a TV or monitor?
A. Yes. The FlipperPanel includes an RCA cable that will allow it to connect to a TV. The FlipperPanel can also be connected to a PC monitor through use of an adapter (not included). To connect the FlipperPanel to the TV set you will need the RCA video cable. Plug one end of the RCA cable into the yellow jack on the back of the power pack labeled “Video Out” and the other end into the yellow “Video Input” jack on the front or the back of your TV. Then switch your TV to Video Mode.

Q. Is the LCD screen adjustable?
A. Yes. The LCD screen can be adjusted both vertically and horizontally by gently rotating the frame up, down, left or right.

Q. Can I adjust the height of the LCD screen?
A. Yes, by loosening the knob on the back of the LCD screen and sliding the screen up or down to the desired location. However, we don't recommend tampering with this as the system is set at the ideal height when shipped.

Q. Can I adjust the LCD screen settings?
A. No, the settings have been preset and cannot be changed.

Flipper Stand:

Q. What is the advantage of using Flipper Stand?
A. When used with any TV, the Flipper Stand allows the Flipper to be used as a desktop video magnifier. The stand has a table that can be moved in any direction or be simply locked in place. This enables the user to place text, writing implements, photos, or any hobby or craft object and work with them under the Flipper camera. The object can be magnified and viewed on a TV, depending on how the Flipper is configured.

The Flipper Stand is a great advantage to students. The student can point the camera down to work with schoolwork on the moving table and also point outward or towards the blackboard and see the instructor.

Common Questions

Q. Can I connect the Flipper Stand directly to my TV?
A. No. You will need to connect the Flipper directly to a TV as normally required. The Flipper Stand has no video out capability.

Q. How does my Flipper work with the Flipper Stand?
A. The Flipper Stand is fitted with a "cradle" that sits above the moving table. the cradle has the ability to rotate side-to-side. A small magnet that is built into the Flipper allows the camera to adjust to work at the height that the cradle holds the Flipper above the table. The Flipper sets into the cradle allowing the camera to point down toward the table. If desired, the camera can also be positioned to view an object located at a distance. The side-to-side rotation of the cradle provides the ability to scan the area being viewed with the camera.

Q. How can I make it easier for me to write using the Flipper Stand?
A. Method or writing with the stand will vary from person to person. A good way to start is at the lowest level of magnification slowly increasing as needed. Using lined paper is also very helpful for writing. Another method is to place your finger under the camera until you see it on the TV. Then take the point of your pen/pencil and meet it up with your finger. Now you have found your starting point.

Q. What is the best way to read using the Flipper Stand?
A. Place the book, magazine or paper on the table. Make certain that the locking mechanism is unlocked. Adjust the magnification as necessary. Glide the table from right to left until you come to the end of the line. Move the table back to the beginning of the next line and repeat.

Warranty Statement

Warranty Information (Warranty Form enclosed)

Enhanced Vision products are designed to give you the highest quality, convenient features, ease-of-use and reliability. Flipper products have been inspected and tested prior to shipping. Enhanced Vision warrants the Flipper, FlipperPort, FlipperPanel and Flipper Stand against manufacturer defects in material and workmanship under normal use, for one year from the date of purchase.

Enhanced Vision at its option, will at no charge either repair or replace the defective product during the warranty period. There are no other expressed or implied warranties accompanying this product.

This warranty does not cover the following:

1. Defects or damage from misuse, use in other than normal and customary manner, accident or neglect.

2. Defects or damage from improper operation, maintenance, installation, adjustment, alterations or modification.

3. Defects or damage from spills of food or liquid.

4. All plastic surfaces and all other externally exposed parts that are scratched or damaged due to normal use.

5. Damage due to operation of Flipper products with equipment not supplied by Enhanced Vision.

Service Process

In the event that technical support or repair service is needed, please contact your local Enhanced Vision representative or the Enhanced Vision warranty service center.

If warranty service is required, please contact Enhanced Vision at (800) 440-9476 Monday through Friday, between 8 a.m. and 5 p.m. Pacific Standard Time (PST) to request a return authorization number. **Warranty repairs will not be accepted without a valid return authorization number.**

You may wish to keep the original product packaging in case warranty service is required. The manufacturer cannot provide packaging for warranty repairs.

Enhanced Vision Products

Jordy – Two Low Vision Systems in One

For distance, intermediate and near viewing.

Magnification: 1X – 30X

Four viewing modes for optimum visibility: Color, Black/White, Enhanced Positive, Enhanced Negative

Jordy Docking Stand (optional)

Magnification: 4X – 40X

CE

Merlin LCD & Merlin Plus

Merlin LCD is a video magnifier that pivots and swivels to the most comfortable viewing position. This product includes all the same features as the Merlin but with a sleek ergonomic design.

Merlin Plus offers the same advanced features as the Merlin but is compatible with most computer workstations and offers a split screen mode. This mode lets the user view magnified images and computer files concurrently.

CE

Amigo

Amigo is a truly portable desktop magnifier. Optimal viewing is achieved with a tilting 6.5 inch viewing screen. Amigo provides 3.5 to 14x digital magnification and the lightest weight in its class. Amigo is battery operated and can be taken anywhere.

CE

Enhanced Vision Products

Max – Powerful Magnifier

A powerful magnifier for reading. Connects to any TV in seconds.

Magnification: 17X – 25X on a 20" Television

Available in Color or Black & White

CE

ACCESSORIES

Smart Video
Connects Enhanced Vision low vision devices to a computer monitor or laptop compuetr.

MaxTrak
An essential accessory to keep your Max rolling in a straight line across a page.

Batteries
Rechargeable batteries for Enhanced Vision portable products, including Jordy, FlipperPort, MaxPort, FlipperPanel and MaxPanel.

Panels Only

Portable Non-Panel

CONTACT INFORMATION

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Fax: (714) 374-1821

www.enhancedvision.com

Flipper Family of products are designed to enlarge and enhance images to offer improvement in the quality of life for people with visual impairment. The extent to which Flipper products can improve the ability to see images depends on a person's individual condition and level of vision. Flipper products are not designed to restore vision, correct eye conditions or halt degenerative vision loss. An eyecare professional can determine the suitability of Flipper products for a patient's individual condition. Flipper products are designed to be worn while sitting or standing still, and are not designed to be worn while walking, driving, or during mobility of any kind.

enhanced vision

www.enhancedvision.com
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FLIPPER
REV04/06

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